810 Invoice

Functional Group ID=IN

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Invoice Transaction Set (810) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide for customary and established business and industry practice relative to the billing for goods and services provided.

Notes:

1. This implementation convention was developed for use by the Department of Defense (DoD) for use in the initial stages of its electronic commerce/electronic data interchange (EC/EDI) program.

2. Use this implementation convention to either make a request for a progress payment or Performance Based Payment, to correct a previously submitted request for a progress payment or Performance Based Payment, or to submit a request to withdraw without action, a previously submitted request for payment.

3. Use one iteration of this transaction set to make one request for a progress payment or Performance Based Payment or to request a withdrawal, or to submit a corrected request for a progress payment or Performance Based Payment.

4. All amounts contained in a transmission are to be generated by the application program originating the data. No amounts will be calculated by the receiving application program. This means that if a line of data is the result of a calculation (e.g., add line " " and line " " together and carry the result of the addition on line " "), the amounts on all three lines must be carried in the transaction set.

5. This Implementation Convention was initially based on converting Standard Form (SF) 1443 Progress Payment to EDI.

Heading:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
5	010	ST	Transaction Set Header	M	1		
6	020	BIG	Beginning Segment for Invoice	M	1		
Not Used	030	NTE	Note/Special Instruction	O	100		
9	040	CUR	Currency	O	1		
12	050	REF	Reference Identification	O	12		
Not Used	055	YNQ	Yes/No Question	O	10		
Not Used	060	PER	Administrative Communications Contact	O	3		
			LOOP ID - N1			200	
14	070	N1	Name	O	1		
17	080	N2	Additional Name Information	O	2		

				Req.	Max.	Loop	
18	090	N3	Address Information	O	2		
19	100	N4	Geographic Location	O	1		
Not Used	110	REF	Reference Identification	O	12		
20	120	PER	Administrative Communications Contact	O	3		
Not Used	125	DMG	Demographic Information	O	1		
22	130	ITD	Terms of Sale/Deferred Terms of Sale	O	>1		
24	140	DTM	Date/Time Reference	O	10		
Not Used	150	FOB	F.O.B. Related Instructions	O	1		
Not Used	160	PID	Product/Item Description	O	200		
Not Used	170	MEA	Measurements	O	40		
Not Used	180	PWK	Paperwork	O	25		
Not Used	190	PKG	Marking, Packaging, Loading	O	25		
Not Used	200	L7	Tariff Reference	O	1		
Not Used	212	BAL	Balance Detail	O	>1		
Not Used	213	INC	Installment Information	O	1		
Not Used	214	PAM	Period Amount	O	>1		
			LOOP ID - LM			10	
Not Used	220	LM	Code Source Information	O	1		
Not Used	230	LQ	Industry Code	M	100		
			LOOP ID - N9			1	
Not Used	240	N9	Reference Identification	O	1		
Not Used	250	MSG	Message Text	M	10		
			LOOP ID - V1			>1	
Not Used	260	V1	Vessel Identification	O	1		
Not Used	270	R4	Port or Terminal	O	>1		
Not Used	280	DTM	Date/Time Reference	O	>1		
			LOOP ID - FA1			>1	
26	290	FA1	Type of Financial Accounting Data	O	1		
27	300	FA2	Accounting Data	M	>1		

Detail:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - IT1			200000	
29	010	IT1	Baseline Item Data (Invoice)	O	1		
33	012	CRC	Conditions Indicator	O	1		
Not Used	015	QTY	Quantity	O	5		n1
Not Used	020	CUR	Currency	O	1		
Not Used	030	IT3	Additional Item Data	O	5		
Not Used	040	TXI	Tax Information	O	10		
Not Used	050	CTP	Pricing Information	O	25		
Not Used	055	PAM	Period Amount	O	10		
Not Used	059	MEA	Measurements	O	40		
			LOOP ID - PID			1000	
Not Used	060	PID	Product/Item Description	O	1		

Not Used	070	MEA	Measurements	O	10	
Not Used	080	PWK	Paperwork	O	25	
Not Used	090	PKG	Marking, Packaging, Loading	O	25	
Not Used	100	PO4	Item Physical Details	O	1	
Not Used	110	ITD	Terms of Sale/Deferred Terms of Sale	O	2	
Not Used	120	REF	Reference Identification	O	>1	
Not Used	125	YNQ	Yes/No Question	O	10	
Not Used	130	PER	Administrative Communications Contact	O	5	
Not Used	140	SDQ	Destination Quantity	O	500	
35	150	DTM	Date/Time Reference	O	10	
Not Used	160	CAD	Carrier Detail	O	>1	
Not Used	170	L7	Tariff Reference	O	>1	
Not Used	175	SR	Requested Service Schedule	O	1	
			LOOP ID - SAC			25
Not Used	180	SAC	Service, Promotion, Allowance, or Charge Information	O	1	
Not Used	190	TXI	Tax Information	O	10	
			LOOP ID - SLN			1000
36	200	SLN	Subline Item Detail	O	1	
Not Used	205	DTM	Date/Time Reference	O	1	
Not Used	210	REF	Reference Identification	O	>1	
Not Used	220	PID	Product/Item Description	O	1000	
Not Used	230	SAC	Service, Promotion, Allowance, or Charge Information	O	25	
Not Used	235	TC2	Commodity	O	2	
Not Used	237	TXI	Tax Information	O	10	
			LOOP ID - N1			200
Not Used	240	N1	Name	O	1	
Not Used	250	N2	Additional Name Information	O	2	
Not Used	260	N3	Address Information	O	2	
Not Used	270	N4	Geographic Location	O	1	
Not Used	280	REF	Reference Identification	O	12	
Not Used	290	PER	Administrative Communications Contact	O	3	
Not Used	295	DMG	Demographic Information	O	1	
			LOOP ID - LM			10
41	300	LM	Code Source Information	O	1	
42	310	LQ	Industry Code	M	100	
			LOOP ID - V1			>1
Not Used	320	V1	Vessel Identification	O	1	
Not Used	330	R4	Port or Terminal	O	>1	
Not Used	340	DTM	Date/Time Reference	O	>1	
			LOOP ID - FA1			>1
43	350	FA1	Type of Financial Accounting Data	O	1	
44	360	FA2	Accounting Data	M	>1	

Summary:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
46	010	TDS	Total Monetary Value Summary	M	1		
Not Used	020	TXI	Tax Information	O	10		
Not Used	030	CAD	Carrier Detail	O	1		
Not Used	035	AMT	Monetary Amount	O	>1		
			LOOP ID - SAC			25	
Not Used	040	SAC	Service, Promotion, Allowance, or Charge Information	O	1		
Not Used	050	TXI	Tax Information	O	10		
			LOOP ID - ISS			>1	
Not Used	060	ISS	Invoice Shipment Summary	O	1		
Not Used	065	PID	Product/Item Description	O	1		
48	070	CTT	Transaction Totals	O	1		n2
49	080	SE	Transaction Set Trailer	M	1		

Transaction Set Notes

1. The QTY segment is used to specify a quantity of units which are expected as payments, e.g., trade-ins or returns.

2. Number of line items (CTT01) is the accumulation of the number of IT1 segments. If used, hash total (CTT02) is the sum of the value of quantities invoiced (IT102) for each IT1 segment.

Segment:	**ST** **Transaction Set Header**
Position:	010
Loop:	
Level:	Heading
Usage:	Mandatory
Max Use:	1
Purpose:	To indicate the start of a transaction set and to assign a control number
Syntax Notes:	
Semantic Notes:	1 The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
Comments:	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	ST01	143	**Transaction Set Identifier Code**	**M ID 3/3**

Code uniquely identifying a Transaction Set

> 810   Invoice
>
> *Use of code 810 in this implementation convention indicates that the transaction set has been used to carry the data elements required in a request for progress payments.*

	Ref. Des.	Data Element	Name	Attributes
Must Use	ST02	329	**Transaction Set Control Number**	**M AN 4/9**

Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set

This unique control number is assigned by the originator of the transaction set or by the originator's application program. The same number is carried in SE02.

Segment:	**BIG** Beginning Segment for Invoice	
Position:	020	
Loop:		
Level:	Heading	
Usage:	Mandatory	
Max Use:	1	
Purpose:	To indicate the beginning of an invoice transaction set and transmit identifying numbers and dates	
Syntax Notes:		
Semantic Notes:	**1**	BIG01 is the invoice issue date.
	2	BIG03 is the date assigned by the purchaser to purchase order.
	3	BIG10 indicates the consolidated invoice number. When BIG07 contains code CI, BIG10 is not used.
Comments:	**1**	BIG07 is used only to further define the type of invoice when needed.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	BIG01	373	Date	M DT 8/8

Date expressed as CCYYMMDD

The date of the request for progress payment or Performance Based Payment, expressed in CCYYMMDD format. See Block 8B of SF1443.

Must Use	BIG02	76	Invoice Number	M AN 1/22

Identifying number assigned by issuer

A unique number assigned by the party requesting the progress payment or Performance Based Payment. This number can be used in another transaction set to cross-reference back to this specific request for a progress payment. The unique number shall consist of at least three numeric characters. The total number shall not exceed four (4) alpha -numeric characters. The first three characters shall all be numeric starting with the number 001 for each new procurement action authorizing progress payments, and increasing by one number for each successive progress payment requested under the same contract action (e.g., 001, 002, etc.). The fourth position will always be an alpha character (e.g., A, B, etc.), and shall be used, as applicable, to represent a lot number. See Block 8A of SF1443.

Must Use	BIG03	373	Date	O DT 8/8

Date expressed as CCYYMMDD

The date of the purchase order (contract), expressed in CCYYMMDD format, under which the progress payment or Performance Based Payment was authorized. See Blocks 7A and 7B of SF1443.

Must Use	BIG04	324	Purchase Order Number	O AN 1/22

Identifying number for Purchase Order assigned by the orderer/purchaser

The Procurement Instrument Identification Number (PIIN). Use to

indicate the thirteen (13) position alpha-numeric contract or purchase order number. Do not use spaces or dashes (--) between the characters. See Block 4 of the SF1443.

	BIG05	**328**	**Release Number**	**O**	**AN 1/30**

Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction

Use, as applicable, to cite the four (4) alpha-numeric characters of a call or order number (SPIIN). Transmission of the call or order number is required if a call or order number is applicable to the procurement action. See Block 4 of the SF1443.

	BIG06	**327**	**Change Order Sequence Number**	**O**	**AN 1/8**

Number assigned by the orderer identifying a specific change or revision to a previously transmitted transaction set

May use to indicate a modification number to either the contract or purchase order, or a call or delivery order when made against an indefinite type of purchase instrument. The number may be a six -position alpha-numeric "P" or "A" modification number (e.g., P00001, A00001, etc.), or when made to an indefinite instrument, a two -position number (e.g., AA). See Block 4 of the SF1443.

Must Use	**BIG07**	**640**	**Transaction Type Code**	**O**	**ID 2/2**

Code specifying the type of transaction

	PA	Progress Payment Invoice
	PB	Partial Bill

Use to indicate a Performance Based Payment.

Must Use	**BIG08**	**353**	**Transaction Set Purpose Code**	**O**	**ID 2/2**

Code identifying purpose of transaction set

	00	Original

Use to indicate the submission of the original request for progress payment/Performance Based Payment.

	01	Cancellation

Use to indicate a contractor generated withdrawal of previously submitted request for progress payment/Performance Based Payment. Use only after the submission and receipt of the acknowledgment of receipt (by means of a 997 transaction set), by the DoD. Do not use when the originally submitted request for a progress payment/Performance Based Payment was rejected.

	05	Replace

Used to indicate a replacement invoice using the same invoice number as a previously submitted invoice. When used, the replacement invoice will overwrite the original invoice in the receiving data

			base.		
Not Used	**BIG09**	**306**	**Action Code**	**O**	**ID 1/2**
			Code indicating type of action		
Not Used	**BIG10**	**76**	**Invoice Number**	**O**	**AN 1/22**
			Identifying number assigned by issuer		

Segment:	**CUR** Currency	
Position:	040	
Loop:		
Level:	Heading	
Usage:	Optional	
Max Use:	1	
Purpose:	To specify the currency (dollars, pounds, francs, etc.) used in a transaction	
Syntax Notes:	1	If CUR08 is present, then CUR07 is required.
	2	If CUR09 is present, then CUR07 is required.
	3	If CUR10 is present, then at least one of CUR11 or CUR12 is required.
	4	If CUR11 is present, then CUR10 is required.
	5	If CUR12 is present, then CUR10 is required.
	6	If CUR13 is present, then at least one of CUR14 or CUR15 is required.
	7	If CUR14 is present, then CUR13 is required.
	8	If CUR15 is present, then CUR13 is required.
	9	If CUR16 is present, then at least one of CUR17 or CUR18 is required.
	10	If CUR17 is present, then CUR16 is required.
	11	If CUR18 is present, then CUR16 is required.
	12	If CUR19 is present, then at least one of CUR20 or CUR21 is required.
	13	If CUR20 is present, then CUR19 is required.
	14	If CUR21 is present, then CUR19 is required.
Semantic Notes:		
Comments:	1	See Figures Appendix for examples detailing the use of the CUR segment.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	CUR01	98	**Entity Identifier Code**	**M ID 2/3**

Code identifying an organizational entity, a physical location, property or an individual

   BY   Buying Party (Purchaser)

Use to indicate that the award instrument authorizes payment in the currency cited in CUR02.

	Ref. Des.	Data Element	Name	Attributes
Must Use	CUR02	100	**Currency Code**	**M ID 3/3**

Code (Standard ISO) for country in whose currency the charges are specified

Use the appropriate code to specify the currency in which payment is requested.

	Ref. Des.	Data Element	Name	Attributes
	CUR03	280	**Exchange Rate**	**O R 4/10**

Value to be used as a multiplier conversion factor to convert monetary value from one currency to another

	Ref. Des.	Data Element	Name	Attributes
	CUR04	98	**Entity Identifier Code**	**O ID 2/3**

Code identifying an organizational entity, a physical location, property or an individual

Refer to 004010 Data Element Dictionary for acceptable code values.

| | CUR05 | 100 | **Currency Code** | O | ID 3/3 |

Code (Standard ISO) for country in whose currency the charges are specified

| | CUR06 | 669 | **Currency Market/Exchange Code** | O | ID 3/3 |

Code identifying the market upon which the currency exchange rate is based

Refer to 004010 Data Element Dictionary for acceptable code values.

| | CUR07 | 374 | **Date/Time Qualifier** | X | ID 3/3 |

Code specifying type of date or time, or both date and time

Refer to 004010 Data Element Dictionary for acceptable code values.

| | CUR08 | 373 | **Date** | O | DT 8/8 |

Date expressed as CCYYMMDD

| Not Used | CUR09 | 337 | **Time** | O | TM 4/8 |

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

| Not Used | CUR10 | 374 | **Date/Time Qualifier** | X | ID 3/3 |

Code specifying type of date or time, or both date and time

| Not Used | CUR11 | 373 | **Date** | X | DT 8/8 |

Date expressed as CCYYMMDD

| Not Used | CUR12 | 337 | **Time** | X | TM 4/8 |

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

| Not Used | CUR13 | 374 | **Date/Time Qualifier** | X | ID 3/3 |

Code specifying type of date or time, or both date and time

| Not Used | CUR14 | 373 | **Date** | X | DT 8/8 |

Date expressed as CCYYMMDD

| Not Used | CUR15 | 337 | **Time** | X | TM 4/8 |

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

| Not Used | CUR16 | 374 | **Date/Time Qualifier** | X | ID 3/3 |

Code specifying type of date or time, or both date and time

| Not Used | CUR17 | 373 | **Date** | X | DT 8/8 |

Date expressed as CCYYMMDD

| Not Used | CUR18 | 337 | **Time** | X | **TM 4/8** |

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

| Not Used | CUR19 | 374 | **Date/Time Qualifier** | X | **ID 3/3** |

Code specifying type of date or time, or both date and time

| Not Used | CUR20 | 373 | **Date** | X | **DT 8/8** |

Date expressed as CCYYMMDD

| Not Used | CUR21 | 337 | **Time** | X | **TM 4/8** |

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

Segment:	**REF** Reference Identification
Position:	050
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	12
Purpose:	To specify identifying information
Syntax Notes:	1 At least one of REF02 or REF03 is required.
	2 If either C04003 or C04004 is present, then the other is required.
	3 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:	1 REF04 contains data relating to the value cited in REF02.
Comments:	
Notes:	*1. For Progress Payment, use, as applicable, to indicate a previous invoice number.*
	2. Use only one occurrence of this segment, as applicable, to transmit a previous progress payment number in the context of the certification in the block below line 27 on the SF1443, that "there are no encumbrances ... on previous progress payment request number ___".
	3. For Performance Based Payment, use to identify Shipment Number. This segment must be used for Performance Based Payment.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	REF01	128	**Reference Identification Qualifier**	M ID 2/3

Code qualifying the Reference Identification

C7	Contract Line Item Number	
L6	Subcontract Line Item Number	
	A further subdivision of a contract line item number	
PX	Previous Invoice Number	

Use, as applicable, to cite a previous invoice number. See the blank space in the "certification" paragraph in SF1443.

SO	Shipper's Order (Invoice Number)

Use to indicate the shipment number for performance based contracts.

	Ref. Des.	Data Element	Name	Attributes
Must Use	REF02	127	**Reference Identification**	X AN 1/30

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

	Ref. Des.	Data Element	Name	Attributes
Not Used	REF03	352	**Description**	X AN 1/80

A free-form description to clarify the related data elements and their content

Not Used	**REF04**	**C040**	**Reference Identifier**	**O**	

To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier

Not Used	**C04001**	**128**	**Reference Identification Qualifier**	**M**	**ID 2/3**

Code qualifying the Reference Identification

Not Used	**C04002**	**127**	**Reference Identification**	**M**	**AN 1/30**

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Not Used	**C04003**	**128**	**Reference Identification Qualifier**	**X**	**ID 2/3**

Code qualifying the Reference Identification

Not Used	**C04004**	**127**	**Reference Identification**	**X**	**AN 1/30**

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Not Used	**C04005**	**128**	**Reference Identification Qualifier**	**X**	**ID 2/3**

Code qualifying the Reference Identification

Not Used	**C04006**	**127**	**Reference Identification**	**X**	**AN 1/30**

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Segment:	**N1** Name
Position:	070
Loop:	N1 Optional
Level:	Heading
Usage:	Optional
Max Use:	1
Purpose:	To identify a party by type of organization, name, and code
Syntax Notes:	1 At least one of N102 or N103 is required.
	2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
	2 N105 and N106 further define the type of entity in N101.
Notes:	*1. There must be three iterations of this segment when transmitting an original or corrected request for progress payment. One iteration will indicate the contractor [the party transmitting the request for progress payment (e.g., N101 will cite either code 21 when the contractor is a small business, or code SE when other than a small business)]; one iteration will indicate the contracting office [the contract administration office (e.g., N101 will cite C4)]; and, one iteration indicating the paying office (e.g., N101 will cite code PR). The payment office address is not transmitted in a withdrawal of a previously submitted request for progress payment.*
	2. The name and address of the contractor will be transmitted as it appears in the contract against which the progress payment is being requested. Do not substitute any other name or address for the one that appears in the contract.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	N101	98	**Entity Identifier Code**	M ID 2/3

Code identifying an organizational entity, a physical location, property or an individual

Use this data element to indicate the contractor, the contract administration office and the paying office. See Blocks 1 and 2 of the SF1443.

21	Small Business

Use to indicate a contractor who is also a small business. Do not use when the contractor is other than a small business. In that case, use code SE.

C4	Contract Administration Office

Established at either a contractor facility or in a geographic area, and responsible for administering on behalf of the buying activities that assigned contracts for administration and all contracts

			awarded to either the specific contractor or all contractors in the geographic area
			Use to indicate the contract administration office.
	PE	Payee	
			Use to indicate the party submitting the invoice.
	PK	Party to Receive Copy	
	PO	Party to Receive Invoice for Goods or Services	
			Use to indicate the agency, organization, or activity that is to receive the electronic invoice.
	PR	Payer	
			Use to indicate the paying office.
	R6	Requester	
			Use to identify requisitioning agency for Performance Based Payment.
	RI	Remit To	
			Use to indicate a specific remit-to address.
	SE	Selling Party	
			Use to indicate the contractor requesting the progress payment. Use only when the contractor is other than a small business. If the contractor is a small business, use code 21 instead.
	SV	Service Performance Site	
			When services are contracted for, this describes the organization for whom or location address at which those services will be performed

N102 **93** **Name** **X** **AN 1/60**

Free-form name

N103 **66** **Identification Code Qualifier** **X** **ID 1/2**

Code designating the system/method of code structure used for Identification Code (67)

	1	D-U-N-S Number, Dun & Bradstreet
		Use to identify the DUNS number of the party in N101.
	9	D-U-N-S+4, D-U-N-S Number with Four Character Suffix
		Use to indicate the transacting parties when DUNS+4 is appropriate.
	10	Department of Defense Activity Address Code (DODAAC)
		Use only for the DoDAACs of the paying office and contract administration office as provided in the contract. Use when N101 cites either code C4 or code PR.

	21	Health Industry Number (HIN)		
	33	Commercial and Government Entity (CAGE)		

Use to indicate the CAGE Code of the contractor. Use only when N101 cites either code SE or code 21.

A2	Military Assistance Program Address Code (MAPAC)	

Contained in the Military Assistance Program Address Directory (MAPAD); represents the location of an entity

Use to indicate the MAPAC address.

FA	Facility Identification	

Use to identify the vendor facility that cannot be identified by either a DoDAAC, CAGE, or DUNS number.

FI	Federal Taxpayer's Identification Number	

Use only if needed when receiving organization uses TIN to identify sender's address.

ZZ	Mutually Defined	

Use for a Vendor Identification Number.

	N104	**67**	**Identification Code**	**X**	**AN 2/80**

Code identifying a party or other code

Not Used	**N105**	**706**	**Entity Relationship Code**	**O**	**ID 2/2**

Code describing entity relationship

Not Used	**N106**	**98**	**Entity Identifier Code**	**O**	**ID 2/3**

Code identifying an organizational entity, a physical location, property or an individual

Segment:	**N2** Additional Name Information	
Position:	080	
Loop:	N1	Optional
Level:	Heading	
Usage:	Optional	
Max Use:	2	
Purpose:	To specify additional names or those longer than 35 characters in length	
Syntax Notes:		
Semantic Notes:		
Comments:		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	N201	93	Name	M AN 1/60
			Free-form name	
	N202	93	Name	O AN 1/60
			Free-form name	

Segment:	**N3** Address Information	
Position:	090	
Loop:	N1 Optional	
Level:	Heading	
Usage:	Optional	
Max Use:	2	
Purpose:	To specify the location of the named party	
Syntax Notes:		
Semantic Notes:		
Comments:		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	N301	166	**Address Information**	**M AN 1/55**
			Address information	
	N302	166	**Address Information**	**O AN 1/55**
			Address information	

Segment:	**N4** Geographic Location
Position:	100
Loop:	N1 Optional
Level:	Heading
Usage:	Optional
Max Use:	1
Purpose:	To specify the geographic place of the named party
Syntax Notes:	1 If N406 is present, then N405 is required.
Semantic Notes:	
Comments:	1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
	2 N402 is required only if city name (N401) is in the U.S. or Canada.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	**N401**	**19**	**City Name**	**O**	**AN 2/30**
			Free-form text for city name		
Must Use	**N402**	**156**	**State or Province Code**	**O**	**ID 2/2**
			Code (Standard State/Province) as defined by appropriate government agency		
			Use codes as prescribed by ASC X12.		
Must Use	**N403**	**116**	**Postal Code**	**O**	**ID 3/15**
			Code defining international postal zone code excluding punctuation and blanks (zip code for United States)		
	N404	**26**	**Country Code**	**O**	**ID 2/3**
			Code identifying the country		
			Use to indicate the country code of the address of the party requesting the progress payment. Use only when that party is located at an address other than in the United States. Do not use if the address is in the United States.		
Not Used	**N405**	**309**	**Location Qualifier**	**X**	**ID 1/2**
			Code identifying type of location		
Not Used	**N406**	**310**	**Location Identifier**	**O**	**AN 1/30**
			Code which identifies a specific location		

Segment:	**PER** Administrative Communications Contact	
Position:	120	
Loop:	N1 Optional	
Level:	Heading	
Usage:	Optional	
Max Use:	3	
Purpose:	To identify a person or office to whom administrative communications should be directed	
Syntax Notes:	1	If either PER03 or PER04 is present, then the other is required.
	2	If either PER05 or PER06 is present, then the other is required.
	3	If either PER07 or PER08 is present, then the other is required.
Semantic Notes:		
Comments:		
Notes:	*Use code CE in original and correction requests for progress payments when N101 cites either code SE or code 21, to indicate the party making the certification.*	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	PER01	366	**Contact Function Code**	**M ID 2/2**

Code identifying the major duty or responsibility of the person or group named

Use to indicate the name of the contractor party who is certifying the contents of the request for progress payment. This is the party who "signed" the progress payment. See the certification block on the SF1443.

	AC	Administrative Contracting Officer	
	CE	Certifier	

Use to indicate the person who is "signing" the request for progress payment.

	IC	Information Contact	

Use to indicate a general information point of contact; a person who can be contacted with questions about the request for progress payment.

Must Use	PER02	93	**Name**	**O AN 1/60**

Free-form name

Transmit the name as the last name, first name, middle initial. When the entire name is too long to transmit in this data element, transmit the entire last name and truncate the first name to its initial.

Must Use	PER03	365	**Communication Number Qualifier**	**X ID 2/2**

Code identifying the type of communication number

	AU	Defense Switched Network	

Department of Defense telecommunications system

			and successor of the Automatic Voice Network (AUTOVON)		
			EM	Electronic Mail		
			FX	Facsimile		
			IT	International Telephone		
			TE	Telephone		

Must Use	PER04	364	**Communication Number**	**X**	**AN 1/80**
			Complete communications number including country or area code when applicable		
Not Used	PER05	365	**Communication Number Qualifier**	**X**	**ID 2/2**
			Code identifying the type of communication number		
Not Used	PER06	364	**Communication Number**	**X**	**AN 1/80**
			Complete communications number including country or area code when applicable		
Not Used	PER07	365	**Communication Number Qualifier**	**X**	**ID 2/2**
			Code identifying the type of communication number		
Not Used	PER08	364	**Communication Number**	**X**	**AN 1/80**
			Complete communications number including country or area code when applicable		
Not Used	PER09	443	**Contact Inquiry Reference**	**O**	**AN 1/20**
			Additional reference number or description to clarify a contact number		

Segment:	**ITD** Terms of Sale/Deferred Terms of Sale		
Position:	130		
Loop:			
Level:	Heading		
Usage:	Optional		
Max Use:	>1		
Purpose:	To specify terms of sale		
Syntax Notes:	1	If ITD03 is present, then at least one of ITD04 ITD05 or ITD13 is required.	
	2	If ITD08 is present, then at least one of ITD04 ITD05 or ITD13 is required.	
	3	If ITD09 is present, then at least one of ITD10 or ITD11 is required.	
Semantic Notes:	1	ITD15 is the percentage applied to a base amount used to determine a late payment charge.	
Comments:	1	If the code in ITD01 is "04", then ITD07 or ITD09 is required and either ITD10 or ITD11 is required; if the code in ITD01 is "05", then ITD06 or ITD07 is required.	
Notes:	*Use to indicate the liquidation rate and progress payment rate. Use in original and resubmitted requests for progress payments. Do not use when withdrawing a previously submitted request for progress payment.*		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	ITD01	336	**Terms Type Code**	O ID 2/2

Code identifying type of payment terms

Use to indicate the progress payment and liquidation rates. See Blocks 6a and 6b on the SF1443. Transmit line 19 in first iteration of segment. When line 25 is present, transmit in the second iteration of segment.

	19	Liquidation

Term at which the progress will be liquidated before the final payment is made to the contractor

Use to indicate the liquidation rate as established in the contract.

	20	Progress Payment

Term at which progress payments are authorized by the terms of the contract

Use to indicate the progress payment rate as established in the contract.

Not Used	ITD02	333	**Terms Basis Date Code**	O ID 1/2

Code identifying the beginning of the terms period

Must Use	ITD03	338	**Terms Discount Percent**	O R 1/6

Terms discount percentage, expressed as a percent, available to the purchaser if an invoice is paid on or before the Terms Discount Due Date

This data element is an "R" type which means that there is no implied

decimal point. Percents should be transmitted as follows: When ITD01 is code 20, only two decimal places are cited in the contract percent (e.g., the percent is 80%, 85%, 90%, etc.), transmit 80, 85, or 90. When ITD01 is code 19, three numbers (e.g., 87.5%, 91.3%, or 90.0%, etc.), transmit 875, 913, or 900. In the latter example, the trailing zeros are significant and shall be transmitted.

Not Used   **ITD04**   **370**   **Terms Discount Due Date**   X   DT 8/8

Date payment is due if discount is to be earned expressed in format CCYYMMDD

Must Use   **ITD05**   **351**   **Terms Discount Days Due**   X   N0 1/3

Number of days in the terms discount period by which payment is due if terms discount is earned

When ITD03 carries data, insert the number zero (0) in this data element to satisfy the ASC X12 rules of syntax.

Not Used   **ITD06**   **446**   **Terms Net Due Date**   O   DT 8/8

Date when total invoice amount becomes due expressed in format CCYYMMDD

Not Used   **ITD07**   **386**   **Terms Net Days**   O   N0 1/3

Number of days until total invoice amount is due (discount not applicable)

Not Used   **ITD08**   **362**   **Terms Discount Amount**   O   N2 1/10

Total amount of terms discount

Not Used   **ITD09**   **388**   **Terms Deferred Due Date**   O   DT 8/8

Date deferred payment or percent of invoice payable is due expressed in format CCYYMMDD

Not Used   **ITD10**   **389**   **Deferred Amount Due**   X   N2 1/10

Deferred amount due for payment

Not Used   **ITD11**   **342**   **Percent of Invoice Payable**   X   R 1/5

Amount of invoice payable expressed in percent

Not Used   **ITD12**   **352**   **Description**   O   AN 1/80

A free-form description to clarify the related data elements and their content

Not Used   **ITD13**   **765**   **Day of Month**   X   N0 1/2

The numeric value of the day of the month between 1 and the maximum day of the month being referenced

Not Used   **ITD14**   **107**   **Payment Method Code**   O   ID 1/2

Code identifying type of payment procedures

Not Used   **ITD15**   **954**   **Percent**   O   R 1/10

Percentage expressed as a decimal

Segment:	**DTM** Date/Time Reference	
Position:	140	
Loop:		
Level:	Heading	
Usage:	Optional	
Max Use:	10	
Purpose:	To specify pertinent dates and times	
Syntax Notes:	1	At least one of DTM02 DTM03 or DTM05 is required.
	2	If DTM04 is present, then DTM03 is required.
	3	If either DTM05 or DTM06 is present, then the other is required.
Semantic Notes:		
Comments:		
Notes:	*Use in original and resubmitted requests for progress payments. Do not use when withdrawing a previously submitted request for progress payment.*	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	DTM01	374	**Date/Time Qualifier**	M ID 3/3

Code specifying type of date or time, or both date and time

434   Statement

Date on which billing document was created

For Progress payment, use to indicate the Section II (on SF1443) date referred to as the "statement of costs under this contract through _____" date. See Section II.

458   Certification

Date of a document attesting to a fact

For Progress Payment, use to indicate the certification date from which there has been no materially adverse change in financial condition. See the Certification block on the SF1443.

Must Use	DTM02	373	**Date**	X DT 8/8

Date expressed as CCYYMMDD

Not Used	DTM03	337	**Time**	X TM 4/8

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

Not Used	DTM04	623	**Time Code**	O ID 2/2

Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time;

since + is a restricted character, + and - are substituted by P and M in the codes that follow

| Not Used | DTM05 | 1250 | **Date Time Period Format Qualifier** | **X** | **ID 2/3** |

Code indicating the date format, time format, or date and time format

| Not Used | DTM06 | 1251 | **Date Time Period** | **X** | **AN 1/35** |

Expression of a date, a time, or range of dates, times or dates and times

Segment:	**FA1** Type of Financial Accounting Data	
Position:	290	
Loop:	FA1 Optional	
Level:	Heading	
Usage:	Optional	
Max Use:	1	
Purpose:	To specify the organization controlling the content of the accounting citation, and the purpose associated with the accounting citation	
Syntax Notes:		
Semantic Notes:	1 FA101 Identifies the organization controlling the assignment of financial accounting information.	
	2 FA102 Identifies the purpose of the accounting allowance or charge information.	
Comments:		

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Must Use	FA101	559	**Agency Qualifier Code**		**M ID 2/2**
			Code identifying the agency assigning the code values		
			DF	Department of Defense (DoD)	
				Use to indicate that the Component originating the funds is a Department of Defense agency, including DLA	
			DN	Department of the Navy	
				Includes the United States Marine Corps	
			DX	United States Marine Corps	
			DY	Department of Air Force	
			DZ	Department of Army	
			FG	Federal Government	
Not Used	FA102	1300	**Service, Promotion, Allowance, or Charge Code**		**O ID 4/4**
			Code identifying the service, promotion, allowance, or charge		
Not Used	FA103	248	**Allowance or Charge Indicator**		**O ID 1/1**
			Code which indicates an allowance or charge for the service specified		

Segment: **FA2** Accounting Data

Position:	300
Loop:	FA1 Optional
Level:	Heading
Usage:	Mandatory
Max Use:	>1
Purpose:	To specify the detailed accounting data
Syntax Notes:	
Semantic Notes:	
Comments:	
Notes:	*Use this segment to identify the various components of the line of accounting.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	FA201	1196	**Breakdown Structure Detail Code**	M ID 2/2

Codes identifying details relating to a reporting breakdown structure tree

18	Funds Appropriation

Coding to track the source of funds (such as various government agencies)

Use to indicate the basic appropriation number (department code through appropriation limit). Example: 171797981810040

A1	Department Indicator
A2	Transfer from Department
A3	Fiscal Year Indicator
A4	Basic Symbol Number
A5	Sub-class
A6	Sub-Account Symbol
B1	Budget Activity Number
B2	Budget Sub-activity Number
C1	Program Element
C2	Project Task or Budget Subline
C3	Budget Restriction
D1	Defense Agency Allocation Recipient
D2	Defense Agency Sub-allocation Recipient
D3	Component Allocation Recipient
D4	Component Sub-allocation Recipient
D5	Allotment Recipient
D6	Sub-allotment Recipient
D7	Work Center Recipient
E1	Major Reimbursement Source Code
E2	Detail Reimbursement Source Code

E3	Customer Indicator	
F1	Object Class	
F2	Object Sub-class	
F3	Government or Public Sector Identifier	
F4	Country Code	
G1	Program or Planning Code	
G2	Special Interest Code or Special Program Cost Code	
H1	Cost Code	
H2	Labor Type Code	
H3	Cost Allocation Code	
H4	Classification Code	
I1	Abbreviated Department of Defense (DoD) Budget and Accounting Classification Code (BACC)	
J1	Document or Record Reference Number	
K6	Accounting Classification Reference Code	
L1	Accounting Installation Number	

Use to indicate the Accountable Station Number. The Accountable Station Code is the Fiscal Station Number (FSN) of both the Army and the Office of the Secretary of Defense (OSD), the Authorization Accounting Authority (AAA) of the Navy, or the Accounting and Disbursing Station Number (ADSN) used by the Air Force. The Accountable Station Codes (TAC3) are published in the DoD 7000.14-R (Financial Management Regulation). Civilian Agencies will cite their equivalent organization code.

N1	Transaction Type	
P1	Disbursing Station Number	
P2	International Balance of Payments (IBOP) Code	
P3	Voucher Number	
ZZ	Mutually Defined	

Use to indicate the balance of the financial accounting data which should include the Accountable Station Number identified by the use of code L1 in another iteration of this segment.

Must Use   **FA202**   **1195**   **Financial Information Code**   **M   AN 1/80**

Code representing financial accounting information

Segment:	**IT1** Baseline Item Data (Invoice)
Position:	010
Loop:	IT1 Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify the basic and most frequently used line item data for the invoice and related transactions
Syntax Notes:	**1** If any of IT102 IT103 or IT104 is present, then all are required.
	2 If either IT106 or IT107 is present, then the other is required.
	3 If either IT108 or IT109 is present, then the other is required.
	4 If either IT110 or IT111 is present, then the other is required.
	5 If either IT112 or IT113 is present, then the other is required.
	6 If either IT114 or IT115 is present, then the other is required.
	7 If either IT116 or IT117 is present, then the other is required.
	8 If either IT118 or IT119 is present, then the other is required.
	9 If either IT120 or IT121 is present, then the other is required.
	10 If either IT122 or IT123 is present, then the other is required.
	11 If either IT124 or IT125 is present, then the other is required.
Semantic Notes:	**1** IT101 is the purchase order line item identification.
Comments:	**1** Element 235/234 combinations should be interpreted to include products and/or services. See the Data Dictionary for a complete list of IDs.
	2 IT106 through IT125 provide for ten different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.
Notes:	*1. Use in all original and resubmitted requests for progress payment/Performance Based Payment. Do not use in a withdrawal.*
	2. Use the first iteration to transmit the amount eligible for the progress payment cited on line 19 on the SF1443.
	3. If line 25 is present on the SF1443, cite the applicable data on the second iteration.
	4. When the progress payment is for Foreign Military Sales (FMS), use a subsequent iteration to convey data related to a foreign military sale.
	5. Transmit subsequent iterations of the IT segment when the contract requires the dollar value applied against the applicable CLIN/SLINs or ACRNs.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	IT101	350	**Assigned Identification**	O AN 1/20
			Alphanumeric characters assigned for differentiation within a transaction set	

1. For Progress Payment, cite the number "19" on the first iteration.

2. For Progress Payment, cite the number "25" on the second iteration if the maximum amount permissible is presented on line 25 of the SF1443.

3. When the progress payment is based on the foreign military sale, cite the word "FMS" in the next iteration of the IT1 segment.

4. If amounts are to be applied against the Control Line Item Number/Sub Contract Line Item Number (CLIN/SLIN), cite the word "CLIN" in the next iterations of the IT1 segment.

5. Cite the word "ACRN" if amounts are to be applied against by the Accounting Classification Reference Number (ACRN) in the next iteration of the IT1 segment.

6. For Performance Based Payment, use to indicate each line item in Performance Based Payment.

Must Use	IT102	358	**Quantity Invoiced**		X	R 1/10

Number of units invoiced (supplier units)

Cite the number 1 to satisfy ASC X12 syntax requirements.

Must Use	IT103	355	**Unit or Basis for Measurement Code**		X	ID 2/2

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

Must use to satisfy ASC X12 syntax requirements.

EA   Each

Always use this code to satisfy ASC X12 syntax requirements.

	IT104	212	**Unit Price**		X	R 1/17

Price per unit of product, service, commodity, etc.

1. Use to indicate the dollar amount of the line item number or the FMS amount.

2. Do not transmit either decimal point or cents. If cents are included in the amount, round them up to the nearest whole dollar. For example, it the amount is $10.01, round it up to $11. Do not use commas when transmitting dollar amount greater than $999. For example 1,000 should be transmitted as 1000.

Not Used	IT105	639	**Basis of Unit Price Code**		O	ID 2/2

Code identifying the type of unit price for an item

	IT106	235	**Product/Service ID Qualifier**		X	ID 2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

		EP	Buyer's End Product Number		
			Use to indicate the hull number as assigned by SUPSHIPS.		
	IT107	**234**	**Product/Service ID**	**X**	**AN 1/48**
			Identifying number for a product or service		
			Use to indicate the SUPSHIPS full number.		
	IT108	**235**	**Product/Service ID Qualifier**	**X**	**ID 2/2**
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		VP	Vendor's (Seller's) Part Number		
			Use to indicate the hull number as assigned by the SUPSHIP vendor.		
	IT109	**234**	**Product/Service ID**	**X**	**AN 1/48**
			Identifying number for a product or service		
			Use to indicate the vendor's hull number.		
Not Used	**IT110**	**235**	**Product/Service ID Qualifier**	**X**	**ID 2/2**
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	**IT111**	**234**	**Product/Service ID**	**X**	**AN 1/48**
			Identifying number for a product or service		
Not Used	**IT112**	**235**	**Product/Service ID Qualifier**	**X**	**ID 2/2**
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	**IT113**	**234**	**Product/Service ID**	**X**	**AN 1/48**
			Identifying number for a product or service		
Not Used	**IT114**	**235**	**Product/Service ID Qualifier**	**X**	**ID 2/2**
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	**IT115**	**234**	**Product/Service ID**	**X**	**AN 1/48**
			Identifying number for a product or service		
Not Used	**IT116**	**235**	**Product/Service ID Qualifier**	**X**	**ID 2/2**
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	**IT117**	**234**	**Product/Service ID**	**X**	**AN 1/48**
			Identifying number for a product or service		
Not Used	**IT118**	**235**	**Product/Service ID Qualifier**	**X**	**ID 2/2**
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	**IT119**	**234**	**Product/Service ID**	**X**	**AN 1/48**
			Identifying number for a product or service		
Not Used	**IT120**	**235**	**Product/Service ID Qualifier**	**X**	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Not Used	IT121	234	**Product/Service ID**	X	AN 1/48

Identifying number for a product or service

Not Used	IT122	235	**Product/Service ID Qualifier**	X	ID 2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Not Used	IT123	234	**Product/Service ID**	X	AN 1/48

Identifying number for a product or service

Not Used	IT124	235	**Product/Service ID Qualifier**	X	ID 2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Not Used	IT125	234	**Product/Service ID**	X	AN 1/48

Identifying number for a product or service

		CRC Conditions Indicator
Segment:		
Position:	012	
Loop:	IT1	Optional
Level:	Detail	
Usage:	Optional	
Max Use:	1	
Purpose:	To supply information on conditions	
Syntax Notes:		
Semantic Notes:	**1**	CRC01 qualifies CRC03 through CRC07.
	2	CRC02 is a Certification Condition Code applies indicator. A "Y" value indicates the condition codes in CRC03 through CRC07 apply; an "N" value indicates the condition codes in CRC03 through CRC07 do not apply.
Comments:		
Notes:		*In Performance Based Payment, use segment to identify line item condition. This condition determines if the line item in this loop is "sequential", which must be paid in order, or "serviceable", which can be paid in any order.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	**CRC01**	**1136**	**Code Category**	**M ID 2/2**
			Specifies the situation or category to which the code applies	
		B6	Payment Handling	
			This data element is mandatory in X12 syntax. Use code B6 to identify line item condition in CRC03.	
Must Use	**CRC02**	**1073**	**Yes/No Condition or Response Code**	**M ID 1/1**
			Code indicating a Yes or No condition or response	
		Y	Yes	
Must Use	**CRC03**	**1321**	**Condition Indicator**	**M ID 2/2**
			Code indicating a condition	
		70	Straight	
			Use to indicate a "serviceable" line item.	
		85	Income Has Been Verified	
			Use to indicate a "sequential" or "cumulative" line item.	
Not Used	**CRC04**	**1321**	**Condition Indicator**	**O ID 2/2**
			Code indicating a condition	
Not Used	**CRC05**	**1321**	**Condition Indicator**	**O ID 2/2**
			Code indicating a condition	
Not Used	**CRC06**	**1321**	**Condition Indicator**	**O ID 2/2**
			Code indicating a condition	
Not Used	**CRC07**	**1321**	**Condition Indicator**	**O ID 2/2**

Code indicating a condition

Segment:	**DTM** Date/Time Reference	
Position:	150	
Loop:	IT1	Optional
Level:	Detail	
Usage:	Optional	
Max Use:	10	
Purpose:	To specify pertinent dates and times	
Syntax Notes:	1	At least one of DTM02 DTM03 or DTM05 is required.
	2	If DTM04 is present, then DTM03 is required.
	3	If either DTM05 or DTM06 is present, then the other is required.
Semantic Notes:		
Comments:		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	DTM01	374	**Date/Time Qualifier**	**M ID 3/3**

Code specifying type of date or time, or both date and time

    007   Effective

Use to indicate the effective date of preceding IT1 on SUPSHIPS invoice.

	Ref. Des.	Data Element	Name	Attributes
	DTM02	373	**Date**	**X DT 8/8**

Date expressed as CCYYMMDD

	DTM03	337	**Time**	**X TM 4/8**
Not Used				

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

	DTM04	623	**Time Code**	**O ID 2/2**
Not Used				

Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow

	DTM05	1250	**Date Time Period Format Qualifier**	**X ID 2/3**

Code indicating the date format, time format, or date and time format

Refer to 004010 Data Element Dictionary for acceptable code values.

	DTM06	1251	**Date Time Period**	**X AN 1/35**

Expression of a date, a time, or range of dates, times or dates and times

Segment:	**SLN** Subline Item Detail	
Position:	200	
Loop:	SLN Optional	
Level:	Detail	
Usage:	Optional	
Max Use:	1	
Purpose:	To specify product subline detail item data	
Syntax Notes:	1	If either SLN04 or SLN05 is present, then the other is required.
	2	If SLN07 is present, then SLN06 is required.
	3	If SLN08 is present, then SLN06 is required.
	4	If either SLN09 or SLN10 is present, then the other is required.
	5	If either SLN11 or SLN12 is present, then the other is required.
	6	If either SLN13 or SLN14 is present, then the other is required.
	7	If either SLN15 or SLN16 is present, then the other is required.
	8	If either SLN17 or SLN18 is present, then the other is required.
	9	If either SLN19 or SLN20 is present, then the other is required.
	10	If either SLN21 or SLN22 is present, then the other is required.
	11	If either SLN23 or SLN24 is present, then the other is required.
	12	If either SLN25 or SLN26 is present, then the other is required.
	13	If either SLN27 or SLN28 is present, then the other is required.
Semantic Notes:	1	SLN01 is the identifying number for the subline item.
	2	SLN02 is the identifying number for the subline level. The subline level is analogous to the level code used in a bill of materials.
	3	SLN03 is the configuration code indicating the relationship of the subline item to the baseline item.
	4	SLN08 is a code indicating the relationship of the price or amount to the associated segment.
Comments:	1	See the Data Element Dictionary for a complete list of IDs.
	2	SLN01 is related to (but not necessarily equivalent to) the baseline item number. Example: 1.1 or 1A might be used as a subline number to relate to baseline number 1.
	3	SLN09 through SLN28 provide for ten different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.
Notes:	*1. Use in all original and resubmitted requests for progress payment. Do not use in a withdrawal.*	
	2. Use to transmit the country code for FMS request or ACRN, CLIN/SLIN level data.	
	3. When a progress payment request contains both United States (US) and FMS requirements, the progress rate is the same for both, there must be two separate iterations of the SLN segment, one to transmit the US data and one to transmit the FMS data.	

Data Element Summary

Ref.   **Data**

	Des.	Element	Name	Attributes
Must Use	SLN01	350	Assigned Identification	M AN 1/20

Alphanumeric characters assigned for differentiation within a transaction set

1. When "19", "25", "FMS", or ACRN, is expressed in the IT101, repeat the value.

2. When "CLIN" is expressed in the IT101, indicate the actual CLIN/SLIN.

3. Use when SLN01 cites the expression ACRN, SLN02 must contain the actual Accounting Classification Reference Number and SLN06 will contain the amount charged to the ACRN.

	Des.	Element	Name	Attributes
Must Use	SLN02	350	Assigned Identification	O AN 1/20

Alphanumeric characters assigned for differentiation within a transaction set

1. When the "19" is expressed in the IT101/SLN01 indicate the line item number on the SF1443 for which the dollar amount is being transmitted. Use only the number 9 through 18.

2. When "25" is expressed in IT101/SLN01, indicate the line item number on the SF1443 for which the dollar amount is being transmitted. Use only the number 20 through 24.

3. When "FMS" is expressed in IT101/SLN01, indicate the country code.

4. When the actual CLIN/SLIN is expressed in the SLN01, cite the ACRN value.

5. Use to indicate the ACRN value when "ACRN" is expressed in IT101/SLN01.

	Des.	Element	Name	Attributes
Must Use	SLN03	662	Relationship Code	M ID 1/1

Code indicating the relationship between entities

Use only to satisfy the ASC X12 syntax requirements.

I	Included	

Always use this code to satisfy the ASC X12 syntax requirements.

	Des.	Element	Name	Attributes
Must Use	SLN04	380	Quantity	X R 1/15

Numeric value of quantity

Cite the number 1 to satisfy the ASC X12 syntax requirements. Use to indicate when invoice cites the percentage of number of weeks applicable to the subline.

	Des.	Element	Name	Attributes
Must Use	SLN05	C001	Composite Unit of Measure	X

To identify a composite unit of measure (See Figures Appendix for examples of use)

Must Use	C00101	355	**Unit or Basis for Measurement Code**	**M**	**ID 2/2**

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

Must use to satisfy the ASC X12 syntax requirements.

EA   Each

Always use this code to satisfy the ASC X12 syntax requirements.

P1   Percent

Use to indicate if SLN04 if a percentage.

WK   Week

Use to indicate if SLN04 is in weeks.

Not Used	C00102	1018	**Exponent**	**O**	**R 1/15**

Power to which a unit is raised

Not Used	C00103	649	**Multiplier**	**O**	**R 1/10**

Value to be used as a multiplier to obtain a new value

Not Used	C00104	355	**Unit or Basis for Measurement Code**	**O**	**ID 2/2**

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

Not Used	C00105	1018	**Exponent**	**O**	**R 1/15**

Power to which a unit is raised

Not Used	C00106	649	**Multiplier**	**O**	**R 1/10**

Value to be used as a multiplier to obtain a new value

Not Used	C00107	355	**Unit or Basis for Measurement Code**	**O**	**ID 2/2**

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

Not Used	C00108	1018	**Exponent**	**O**	**R 1/15**

Power to which a unit is raised

Not Used	C00109	649	**Multiplier**	**O**	**R 1/10**

Value to be used as a multiplier to obtain a new value

Not Used	C00110	355	**Unit or Basis for Measurement Code**	**O**	**ID 2/2**

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

Not Used	C00111	1018	**Exponent**	**O**	**R 1/15**

Power to which a unit is raised

Not Used	C00112	649	**Multiplier**	**O**	**R 1/10**

Value to be used as a multiplier to obtain a new value

Not Used	C00113	355	**Unit or Basis for Measurement Code**	**O**	**ID 2/2**

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

Not Used	C00114	1018	**Exponent**	**O**	**R 1/15**

Power to which a unit is raised

Not Used	C00115	649	**Multiplier**	O	R 1/10

Value to be used as a multiplier to obtain a new value

	SLN06	212	**Unit Price**	X	R 1/17

Price per unit of product, service, commodity, etc.

1. Use to indicate the dollar amount of the value cited in the SLN02.

2. Do not transmit either a decimal point or cents. It cents are involved in the amount, round them up to the nearest whole dollar. For example, if the amount is $10.01, round it up to $11. Do not use commas when transmitting dollar amount greater than $999. For example 1,000 should be transmitted as 1000.

Not Used	SLN07	639	**Basis of Unit Price Code**	O	ID 2/2

Code identifying the type of unit price for an item

Not Used	SLN08	662	**Relationship Code**	O	ID 1/1

Code indicating the relationship between entities

Use only to satisfy the ASC X12 syntax requirements.

Not Used	SLN09	235	**Product/Service ID Qualifier**	X	ID 2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Not Used	SLN10	234	**Product/Service ID**	X	AN 1/48

Identifying number for a product or service

Not Used	SLN11	235	**Product/Service ID Qualifier**	X	ID 2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Not Used	SLN12	234	**Product/Service ID**	X	AN 1/48

Identifying number for a product or service

Not Used	SLN13	235	**Product/Service ID Qualifier**	X	ID 2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Not Used	SLN14	234	**Product/Service ID**	X	AN 1/48

Identifying number for a product or service

Not Used	SLN15	235	**Product/Service ID Qualifier**	X	ID 2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Not Used	SLN16	234	**Product/Service ID**	X	AN 1/48

Identifying number for a product or service

Not Used	SLN17	235	**Product/Service ID Qualifier**	X	ID 2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Not Used	SLN18	234	**Product/Service ID**	X	AN 1/48

Identifying number for a product or service

Not Used	SLN19	235	**Product/Service ID Qualifier**	X	ID 2/2

			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	SLN20	234	**Product/Service ID**	X	AN 1/48
			Identifying number for a product or service		
Not Used	SLN21	235	**Product/Service ID Qualifier**	X	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	SLN22	234	**Product/Service ID**	X	AN 1/48
			Identifying number for a product or service		
Not Used	SLN23	235	**Product/Service ID Qualifier**	X	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	SLN24	234	**Product/Service ID**	X	AN 1/48
			Identifying number for a product or service		
Not Used	SLN25	235	**Product/Service ID Qualifier**	X	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	SLN26	234	**Product/Service ID**	X	AN 1/48
			Identifying number for a product or service		
Not Used	SLN27	235	**Product/Service ID Qualifier**	X	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	SLN28	234	**Product/Service ID**	X	AN 1/48
			Identifying number for a product or service		

Segment: **LM** Code Source Information
Position: 300
Loop: LM   Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To transmit standard code list identification information
Syntax Notes:
Semantic Notes:
Comments: **1**   LM02 identifies the applicable industry code list source information.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	LM01	559	**Agency Qualifier Code**	M ID 2/2
			Code identifying the agency assigning the code values	
			DF Department of Defense (DoD)	
Not Used	LM02	822	**Source Subqualifier**	O AN 1/15
			A reference that indicates the table or text maintained by the Source Qualifier	

Segment:	**LQ** Industry Code		
Position:	310		
Loop:	LM	Optional	
Level:	Detail		
Usage:	Mandatory		
Max Use:	100		
Purpose:	Code to transmit standard industry codes		
Syntax Notes:	1	If LQ01 is present, then LQ02 is required.	
Semantic Notes:			
Comments:			

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
LQ01	**1270**	**Code List Qualifier Code**	**O ID 1/3**
		Code identifying a specific industry code list	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
LQ02	**1271**	**Industry Code**	**X AN 1/30**
		Code indicating a code from a specific industry code list	

Segment:	**FA1** Type of Financial Accounting Data
Position:	350
Loop:	FA1 Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify the organization controlling the content of the accounting citation, and the purpose associated with the accounting citation
Syntax Notes:	
Semantic Notes:	**1** FA101 Identifies the organization controlling the assignment of financial accounting information.
	2 FA102 Identifies the purpose of the accounting allowance or charge information.
Comments:	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	FA101	559	**Agency Qualifier Code**	**M**	**ID 2/2**

Code identifying the agency assigning the code values

DF	Department of Defense (DoD)	

Use to indicate that the Component originating the funds is a Department of Defense agency, including DLA

DN	Department of the Navy	

Includes the United States Marine Corps

DX	United States Marine Corps
DY	Department of Air Force
DZ	Department of Army
FG	Federal Government

	Ref. Des.	Data Element	Name	Attributes	
Not Used	FA102	1300	**Service, Promotion, Allowance, or Charge Code**	**O**	**ID 4/4**

Code identifying the service, promotion, allowance, or charge

	Ref. Des.	Data Element	Name	Attributes	
Not Used	FA103	248	**Allowance or Charge Indicator**	**O**	**ID 1/1**

Code which indicates an allowance or charge for the service specified

Segment: **FA2** Accounting Data

Position:	360
Loop:	FA1 Optional
Level:	Detail
Usage:	Mandatory
Max Use:	>1
Purpose:	To specify the detailed accounting data
Syntax Notes:	
Semantic Notes:	
Comments:	
Notes:	*Use this segment to identify the various components of the line of accounting.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	FA201	1196	**Breakdown Structure Detail Code**	M ID 2/2

Codes identifying details relating to a reporting breakdown structure tree

18	Funds Appropriation

         Coding to track the source of funds (such as various government agencies)

> *Use to indicate the basic appropriation number (department code through appropriation limit). Example: 171797981810040*

A1	Department Indicator
A2	Transfer from Department
A3	Fiscal Year Indicator
A4	Basic Symbol Number
A5	Sub-class
A6	Sub-Account Symbol
B1	Budget Activity Number
B2	Budget Sub-activity Number
C1	Program Element
C2	Project Task or Budget Subline
C3	Budget Restriction
D1	Defense Agency Allocation Recipient
D2	Defense Agency Sub-allocation Recipient
D3	Component Allocation Recipient
D4	Component Sub-allocation Recipient
D5	Allotment Recipient
D6	Sub-allotment Recipient
D7	Work Center Recipient
E1	Major Reimbursement Source Code
E2	Detail Reimbursement Source Code

E3	Customer Indicator	
F1	Object Class	
F2	Object Sub-class	
F3	Government or Public Sector Identifier	
F4	Country Code	
G1	Program or Planning Code	
G2	Special Interest Code or Special Program Cost Code	
H1	Cost Code	
H2	Labor Type Code	
H3	Cost Allocation Code	
H4	Classification Code	
I1	Abbreviated Department of Defense (DoD) Budget and Accounting Classification Code (BACC)	
J1	Document or Record Reference Number	
K6	Accounting Classification Reference Code	
L1	Accounting Installation Number	

Use to indicate the Accountable Station Number. The Accountable Station Code is the Fiscal Station Number (FSN) of both the Army and the Office of the Secretary of Defense (OSD), the Authorization Accounting Authority (AAA) of the Navy, or the Accounting and Disbursing Station Number (ADSN) used by the Air Force. The Accountable Station Codes (TAC3) are published in the DoD 7000.14-R (Financial Management Regulation). Civilian Agencies will cite their equivalent organization code.

N1	Transaction Type	
P1	Disbursing Station Number	
P2	International Balance of Payments (IBOP) Code	
P3	Voucher Number	
ZZ	Mutually Defined	

Use to indicate the balance of the financial accounting data which should include the Accountable Station Number identified by the use of code L1 in another iteration of this segment.

Must Use   **FA202**   **1195**   **Financial Information Code**   **M AN 1/80**

Code representing financial accounting information

Segment:	**TDS** Total Monetary Value Summary	
Position:	010	
Loop:		
Level:	Summary	
Usage:	Mandatory	
Max Use:	1	
Purpose:	To specify the total invoice discounts and amounts	
Syntax Notes:		
Semantic Notes:	1	TDS01 is the total amount of invoice (including charges, less allowances) before terms discount (if discount is applicable).
	2	TDS02 indicates the amount upon which the terms discount amount is calculated.
	3	TDS03 is the amount of invoice due if paid by terms discount due date (total invoice or installment amount less cash discount).
	4	TDS04 indicates the total amount of terms discount.
Comments:	1	TDS02 is required if the dollar value subject to discount is not equal to the dollar value of TDS01.
Notes:		*1. Use is required in all requests for progress payments. When submitting a withdrawal, use only the TDS01 data element to satisfy ASC X12 syntax requirements.*
		2. The data elements in this segment are N2 type. This means that any number transmitted will carry two implied decimal places. Thus, if the number transmitted is 100, it will be read as $1.00 by the receiving application.
		3. The maximum number of numeric characters available now in data element 610 (amount) has been increased from 10 to 15 in the ASC X12 standards.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	TDS01	610	**Amount**	M	N2 1/15
			Monetary amount		
			Use in all requests for progress payments including withdrawals, to indicate the lesser amount of Block 19 or Block 25 (e.g., Block 26), on the SF1443.		
Not Used	TDS02	610	**Amount**	O	N2 1/15
			Monetary amount		
Not Used	TDS03	610	**Amount**	O	N2 1/15
			Monetary amount		
	TDS04	610	**Amount**	O	N2 1/15
			Monetary amount		
			Use to indicate the amount of the contract. See Block 5 of the SF1443. Use is required when transmitting an original request for progress payment. Use, as applicable, in changes to previously submitted		

requests for progress payments. Do not use when withdrawing a previously submitted request for a progress payment.

Segment:	**CTT** Transaction Totals			
Position:	070			
Loop:				
Level:	Summary			
Usage:	Optional			
Max Use:	1			
Purpose:	To transmit a hash total for a specific element in the transaction set			
Syntax Notes:	1	If either CTT03 or CTT04 is present, then the other is required.		
	2	If either CTT05 or CTT06 is present, then the other is required.		
Semantic Notes:				
Comments:	1	This segment is intended to provide hash totals to validate transaction completeness and correctness.		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	**CTT01**	**354**	**Number of Line Items**	**M N0 1/6**
			Total number of line items in the transaction set	
			Use to indicate the number of times the IT1 segment was used in the transaction set.	
Not Used	**CTT02**	**347**	**Hash Total**	**O R 1/10**
			Sum of values of the specified data element. All values in the data element will be summed without regard to decimal points (explicit or implicit) or signs. Truncation will occur on the left most digits if the sum is greater than the maximum size of the hash total of the data element. Example: -.0018 First occurrence of value being hashed. .18 Second occurrence of value being hashed. 1.8 Third occurrence of value being hashed. 18.01 Fourth occurrence of value being hashed. --------- 1855 Hash total prior to truncation. 855 Hash total after truncation to three-digit field.	
Not Used	**CTT03**	**81**	**Weight**	**X R 1/10**
			Numeric value of weight	
Not Used	**CTT04**	**355**	**Unit or Basis for Measurement Code**	**X ID 2/2**
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
Not Used	**CTT05**	**183**	**Volume**	**X R 1/8**
			Value of volumetric measure	
Not Used	**CTT06**	**355**	**Unit or Basis for Measurement Code**	**X ID 2/2**
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
Not Used	**CTT07**	**352**	**Description**	**O AN 1/80**
			A free-form description to clarify the related data elements and their content	

Segment:	**SE** **Transaction Set Trailer**		
Position:	080		
Loop:			
Level:	Summary		
Usage:	Mandatory		
Max Use:	1		
Purpose:	To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)		
Syntax Notes:			
Semantic Notes:			
Comments:	**1**	SE is the last segment of each transaction set.	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	**SE01**	**96**	**Number of Included Segments**	**M N0 1/10**
			Total number of segments included in a transaction set including ST and SE segments	
Must Use	**SE02**	**329**	**Transaction Set Control Number**	**M AN 4/9**
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	
			Cite the same number as the one carried in ST02.	